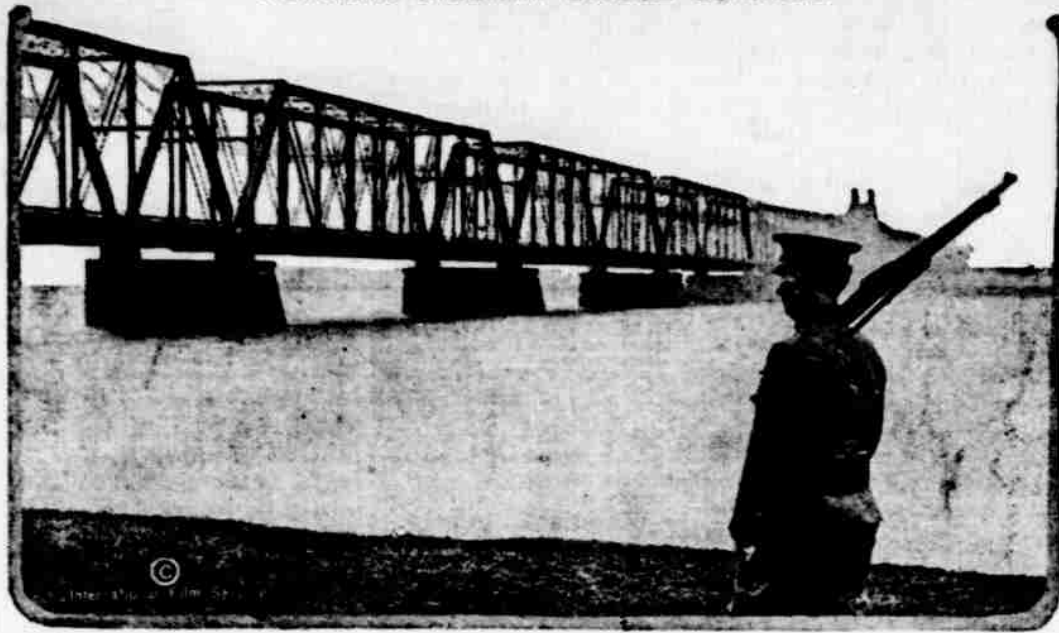


POTOMAC RAILWAY BRIDGE GUARDED



A strong guard of soldiers has been placed at the railway bridge over the Potomac river leading into Washington. This is the only railway bridge at the national capital, and hence is of great importance.

"MUSHROOM" BRIDGE BUILT BY THE FRENCH



As fast as the Germans destroy the bridges in their retreat the French engineering corps builds them up again with remarkable speed. Here is a French mushroom bridge at Solsons.

YOUNGEST RADIO OPERATOR



Walter D. Siddall of Washington, who will be fifteen years old next August, has obtained a license from the government as a first-grade commercial radio operator. Ability to take 20 words a minute is required. Siddall took 25. He is in school now and became interested in wireless less than a year ago. The small plant which he built was closed by government orders a short time ago.

As Dorothy Understood It.

While Dorothy's mother was reading to the little girl she came to the word "gravitation." She explained its meaning briefly, but thought the child would forget it. Consequently, she was much surprised when, a few days later, Dorothy came running in, exclaiming excitedly:

"Oh, mamma, it's a good thing for me there's a law of gravitation, or I'd have stumbled head over heels into heaven just now, when I fell off the ladder."

Militancy.

He—Is your friend a pacifist?
She—I should say not! Why, rather than consent to a dishonorable peace she refuses to divorce her husband.—Judge.

BERNHARDT'S CHATEAU IS SPARED



This pretty little chateau belongs to Sarah Bernhardt, the famous French actress, who has not seen it since the beginning of the war. It is now held by the Germans and this picture was made recently showing that until then, at least, the Germans had spared the charming little place.

UNDERGROUND AMBULANCE STATIONS



Treating wounded French soldiers underground. This is but one of many similar dressing stations organized by the French Red Cross along the battle fronts. Located far underground, the doctors and injured are seldom the target for enemy shells. In the case of serious injury, the men are given temporary treatment in these subterranean hospitals and then removed to the hospitals in the rear as quickly as possible.

WESTERN
MINING AND OIL
NEWS

Western Newspaper Union News Service.

Metal Market Prices.
New York.—Lead—11c.
Bar Silver—74 3/4c.
Copper—Casting, \$23.37 1/2.

St. Louis.—Spelter—\$9.11.
Boulder.—Tungsten concentrates, 60 per cent, \$17.00 per unit. Crude ore, 60 per cent, \$15.00; 25 per cent, \$9.40; 12 per cent, \$5.70; 10 per cent, \$5.00 per unit.

Arizona.
The Yucca Company is ready to start its tungsten mill.

The Arizona Manganese Mines Company will develop new deposits south of Agula.

The Shamrock mine, located in the Pimosa range, about twelve miles south of Vicksburg, is expected to resume operations soon.

Twenty-two per cent copper and \$30 per ton gold—more than \$5,000 for a car of ore recently sent to the smelter from the Critic mine in the Mineral valley, Salome district.

Interest in mining affairs in the Copper Basin country, a copper-bearing section of proven possibilities contiguous to Prescott, has been stimulated of late by a broadening of the field of operations and by a number of copper ore discoveries of more than passing importance.

Colorado.
Silverton's shipments, seventy-four cars in the first seventeen days of May.

Lessees on the Guston mine at Red Mountain, near Ouray, are preparing to start work immediately.

The King of Carbonates, a West-cliff mine is showing assays of 200 ounces silver and \$50 copper.

William Garston, Colorado Springs engineer, is now at Grand Valley investigating oil shale interests.

Contract to drive 200 feet of tunnel at the Hammer property, belonging to George Watson, near Breckenridge.

R. B. Moore, in charge of the Golden station of the Bureau of Mines, states that the laboratory is practically completed.

New mines are needed and there was never a better time for the prospector to make his great discovery. The world is metal hungry.

Silverton reports progress in opening of the Guston, Telescope, Coming Wonder and Congress mines, and departure of pack teams in the service of prospectors.

In all probability it will be well toward the latter part of June before work will start on the new mill for the Sunnyside Mining and Milling Company, near Silverton.

Twenty-two sets of leases are active on the different leasing blocks operated through the Elkton main shaft, and the production from the mine is at this time holding at a car a day, with excellent prospects of immediate increase.

At Cripple Creek Carnduff and Duncan, lessees of the Granite Gold Mining Company, operating on the lower Dead Pine through the 1,999-foot level of the Gold Coin shaft, made production of approximately 700 tons of ore during April.

According to reports, the revival of old mines in Boulder county is gaining momentum as the season opens. Caribou, the oldest and richest silver camp in the early days of the state, is in particular feeling the effect of the impetus given by the increased price in silver.

New Mexico.

A good strike of copper-silver ore is reported by George C. Hopkins, south of Carrizozo. He encountered the lead at a depth of only eighty-five feet and has a solid vein of four feet, the ore running several hundred dollars to the ton.

The purchasers of the Jones and Winters groups of mining claims, in the eastern part of Santa Fé county are pushing development work as fast as men can do it, driving three shifts in the tunnel and in ore every foot of the way.

The Bethlehem Copper Company, incorporated at Santa Fé, has contracted for the drilling of ten holes with P. T. Evers of the Sam Simon district, southwestern Grant county. They are to go down 500 feet in the porphyry copper rock. The company has on its property iron outcrops from 100 to 200 feet wide for a distance of 3,000 feet, carrying one-half to 1 per cent copper. Bunches and pockets of high-grade copper are found in this surface from running as high as 22 per cent. The ore also carries four ounces of silver per ton.

Wyoming.

A contract has been let to drill a well to test the Dry Creek structure. There are a number of drills now close to the oil sands in the Big Muddy field.

The Five Hundred Company is laying a pipeline from its 350-barrel well in the Lander field.

Lander's list of oil producers has been increased by the striking of oil on the Schoonmaker ranch, three miles north of Lander.

GOOD
ROADS

SURFACE OF IMPROVED ROAD

Oval Should Be as Flat as Character of Material Employed and Lay of Land Will Permit.

"Everybody agrees that the surface of a road must be oval in its contour," says Farm and Fireside, "but not all understand that this oval ought to be as flat as the character of the road material and the lay of the land will permit. With brick or concrete construction the oval may be very flat, because the traffic makes no ruts to carry the water lengthwise of the road, nor does the pavement soften and develop depressions when kept in contact with water. But broken stone (water-bound macadam), being susceptible to penetration by water, and subject to great damage if frozen while soaked, must be given a higher oval; and for gravel roads a still steeper pitch is demanded.

"As for earth roads, the steepness must be governed by the combined influence of a number of factors. Perhaps the leading factor is the quality of the earth in each particular case. And next might be placed the presence or absence of 'seeps' or 'spouts,' while another of these vital factors would be the longitudinal pitch of the highway."

OIL FOR ROAD IMPROVEMENT

When Properly Applied Good Surface Is Obtained—Experiments Being Made in Missouri.

(By E. T. MCALISTLAND, Missouri A. C.)

Attempts are now being made in several parts of the state to keep dust down by the use of road oils. Supervisors should be careful to investigate the quality of oil they use before putting it on the highways. It is not generally understood that there are two distinct types of oil on the market. One of these oils has an asphalt base which serves as a binder on the road as soon as the lighter oil evaporates. The other has a paraffin base and is to all intents and purposes a lubricating oil. This kind of oil, however, does not hold the road hard, or is not binding. It leaves the roads dusty and sticky.

Road oiling, properly done, gives a good surface. The City of Joplin has done some of this work on its roads that have already carried heavy traffic more than a year and now look as good as asphalt pavement.

Any Missourian may send samples of road oils to the Engineering Experiment Station University of Missouri, Columbia, and have them examined at



Oiled Highway in Missouri.

a moderate cost—merely enough to pay for the use of materials in the laboratory. Some time ago the experiment station issued a bulletin giving complete information on the quality of various materials throughout the state for road-making purposes. This bulletin is still in print and will be sent free. Its title is "Investigation of Road-Making Properties of Missouri Stone and Gravel."

\$1,500,000,000 FOR ROADS

Predicted This Amount Will Be Spent in Next Five Years on Highways of United States.

"It is predicted on good authority that from \$1,000,000,000 to \$1,500,000,000 will be spent on the highways of the United States in the next five years," says Lincoln Highway, the organ of the transcontinental highway association of that name. "Herein lies the proof of the general interest on the part of all of the people in road improvement, an interest which was shown by the passage of the Bankhead-Shackelford act allowing \$75,000,000 of federal funds to the various states for this purpose."

Money for Rural Roads.
Under the federal-aid road act, within the next five years \$100,000,000 will be spent by federal and state governments in improving rural roads.

Reduce Cost of Hauling.
Good roads reduce the cost of hauling produce to and from the farm as much as 25 cents per ton-mile.

Beautify Roadside.
Why not plant parts of our roadsides with suitable native shrubs or perennials?

The Dangerous Uninformed.
"There will be a great restraint on conversation if all news is withheld."
"Why?" inquired Miss Cayenne.
"The most reckless conversationalist on earth is the person who doesn't know what he is talking about."

There is a lot of foolishness in the world and we all contribute to the output.

Overhead Charges.
"What did that new hat cost?"
"Five dollars. That's the initial cost."
"Yes?"
"I expect to spend three times that much checking it this summer."

Straw hats can be easily cleaned with dampened cornmeal.

What is Castoria

CASTORIA is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrup. It is pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. For more than thirty years it has been in constant use for the relief of Constipation, Flatulency, Wind Colic and Diarrhoea; allaying Feverishness arising therefrom, and by regulating the Stomach and Bowels, aids the assimilation of Food; giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Chas. H. Fletcher, and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-Good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience Against Experiment. Genuine Castoria always bears the signature of *Chas. H. Fletcher*

W. L. DOUGLAS

"THE SHOE THAT HOLDS ITS SHAPE"

\$3 \$3.50 \$4 \$4.50 \$5 \$6 \$7 & \$8 FOR MEN

Save Money by Wearing W. L. Douglas shoes. For sale by over 9,000 shoe dealers. The Best Known Shoes in the World.

W. L. Douglas name and the retail price is stamped on the bottom of all shoes at the factory. The value is guaranteed and the wearer protected against high prices for inferior shoes. The retail prices are the same everywhere. They cost no more in San Francisco than they do in New York. They are always worth the price paid for them.

The quality of W. L. Douglas product is guaranteed by more than 40 years experience in making fine shoes. The smart styles are the leaders in the Fashion Centres of America. They are made in a well-equipped factory at Brockton, Mass., by the highest paid, skilled shoemakers, under the direction and supervision of experienced men, all working with an honest determination to make the best shoes for the price that money can buy.

Ask your shoe dealer for W. L. Douglas shoes. If he cannot supply you with the kind you want, take no other make. Write for interesting booklet explaining how to get shoes of the highest standard of quality for the price, by return mail, postage free.

LOOK FOR W. L. Douglas name and the retail price stamped on the bottom.

W. L. Douglas \$3.00 \$2.50 & \$2.00
President W. L. Douglas Shoe Co.,
185 Spark St., Brockton, Mass.

How Careless.
"Say young fellow," said Broncho Bob, "have you got a gun on you?"
"No, sir," replied the man with the brand-new cowboy uniform. I was told that it was better to be unarmed, so as to avoid any impression that I was seeking a quarrel."

"Well, that's a big disappointment. I needed a brand-new gun an' thought you'd be bringing along at least a pair of 'em. Don't you let anything like this occur again."

WOMEN! IT IS MAGIC!
LIFT OUT ANY CORN

Apply a few drops then lift corns or calluses off with fingers—no pain.

Just think! You can lift off any corn or callus without pain or soreness. A Cincinnati man discovered this ether compound and named it Freezone. Any druggist will sell a tiny bottle of Freezone, like here shown, for very little cost. You apply a few drops directly upon a tender corn or callus. Instantly the soreness disappears, then shortly you will find the corn or callus so loose that you can lift it right off.

Freezone is wonderful. It dries instantly. It doesn't eat away the corn or callus, but shrivels it up without even irritating the surrounding skin.

Hard, soft or corns between the toes, as well as painful calluses, lift right off. There is no pain before or afterwards. If your druggist hasn't Freezone, tell him to order a small bottle for you from his wholesale drug house.—adv.

The Color Scheme.
"Has your wife started that bank account of which you were telling me?"
"Not yet, but she has collected sample checks from all the banks and is trying to decide which makes the most harmonious combination with her new embossed stationery."

FIERY RED PIMPLES
That Itch and Burn Are Usually Eczematous—Cuticura Quickly Heals.

It needs but a single hot bath with Cuticura Soap followed by a gentle application of Cuticura Ointment to the most distressing, disfiguring eczemas, itchings and burnings to prove their wonderful properties. They are also ideal for every-day toilet use. Free sample each by mail with Book. Address postcard, Cuticura, Dept. L, Boston. Sold everywhere.—Adv.

Women have such a good time talking because they have so little to say that they do not care how they say it.

Don't trust your future happiness with a woman who has no sense of humor.

When Your Eyes Need Care
Try Marine Eye Remedy

For Redness, Itching, Discharge, or any other eye trouble, it cures at once. Write for Free Book. MARINE EYE REMEDY CO., CHICAGO

WANTED
Brokerage firm or men to handle gilt edge stock on commission basis. Communicate with us at once.

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\$5 REWARD \$5
for the name and address of an acceptable salesman and organizer in your county. Splendid position open for one man or woman in each county.

BUCKNER & GOODYEAR, DENVER, COLO.

TYPHOID
It is no more necessary than Smallpox. Any experience has demonstrated the almost miraculous efficacy of Cuticura in the treatment of Typhoid. Ask your physician, druggist, or send for "Have you had Typhoid?" telling of Typhoid Vaccine, made from the real danger from Typhoid Carriers. THE CUTICURA LABORATORY, SEBASTY, CALIF. P.O. BOX 1000, SEBASTY, CALIF.

Kill All Flies! THEY SPREAD DISEASE
They are the most common and most dangerous of all insects. Kill them with Fly Killer. It kills all flies, including house flies, stable flies, and horn flies. It is safe for all other insects and for the human family. It is sold in all drug stores and by mail. Write for Free Book. FLY KILLER CO., CHICAGO

PARKER'S HAIR BALM
A toilet preparation of merit. It keeps the hair clean, soft, and healthy. It is sold in all drug stores and by mail. Write for Free Book. PARKER'S HAIR BALM CO., CHICAGO